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CONTENTS

	Page
Author Index	1
Regional and Subject Index	7
The Tropics - General	7
Africa and the Arabian Peninsula	7
America, Tropical	8
Asia, East	9
Asia, South	9
Asia, Southeast (excluding Malaysia and Singapore)	10
Malaysia	11
Singapore	14
Pacific, Southwest	15

The following subject classification is used for each of the above regions:

General
Agriculture
Biogeography
Cartography
Climate
Economic development
Geomorphology
Historical geography
Hydrology
Industrial geography
Land utilization
Minerals and mining
Political geography
Population and settlement
Regional geography
Soils
Surveying
Transport and communications
Urban geography

AUTHOR INDEX

Adejuwon, J.O., A genetic basis for the classification of forest zone vegetation in Western Nigeria; 24, 1967, 1-6.

Afolabi Ojo, G.J., Hausa quarters of Yoruba towns, with special reference to Ile-Ife; 27, 1968, 40-49.

Alexander, J.B., The evolution of land suitability maps in the Federation of Malaya; 18, 1964, 1-6.

Anderson, J.A.R., The structure and development of the peat swamps of Sarawak and Brunei; 18, 1964, 7-16.

Arakawa, H., & Yoshimoto, H., Recent trend of rainfall and run-off in Japan; 17, 1963, 34-37.

Barrera, A., Classification and utilization of some Philippine soils; 18, 1964, 17-29.

Bellett, J., Singapore's central area retail pattern in transition; 28, 1969, 1-16.

Blaut, J.M., The economic geography of a one-acre farm on Singapore Island: A study in applied micro-geography; 1, 1953, 37-48.

Bowden, B.N., The dry seasons of inter-tropical Africa and Madagascar; 9, 1964, 1-3.

Braddell R., Malayadvipa: A study in early Indianization; 9, 1956, 1-20.

Brookfield, H.C., Population distribution in Mauritius; 13, 1959, 1-22.

Bryson, R.A., The resonance theory of the origin of certain typhoons associated with easterly waves; 17, 1963, 38-45.

Buchanan, K., An outline of the geography of the Western Region of Nigeria; 1, 1953, 9-24.

——, Recent developments in Nigerian peasant farming; 2, 1954, 17-34.

Burton, C.K., The Older Alluvium of Johore and Singapore; 18, 1964, 30-42.

Cant, R.G., Pahang in 1888. The eve of British administration; 19, 1964, 4-19.

Carter, J., Erosion and sedimentation from aerial photographs: A micro-study from Nigeria; 11, 1958, 100-6.

——, The Fulani in Bamenda; 25, 1967, 1-7.

Charlton, F.G., Standard catchments in the estimation of flood flows; 18, 1964, 43-53.

Chen, C.S., The banana industry in Taiwan; 2, 1954, 48-55.

——, The climate and climatic regions of Taiwan; 5, 1955, 26-38.

Chia Lin Sien, An analysis of rainfall patterns in Selangor; 27, 1968, 1-18.

Chin, P.C., Diurnal variation of winds over Hong Kong; 17, 1963, 46-56.

Chong Seck-Chim, Notes: The development of Kuala Lumpur District; 3, 1954, 48-50.

Clarke, W.C., & Street, J.M., Soil fertility and cultivation practices in New Guinea; 24, 1967, 7-11.

Collenette, P., A physiographic classification of North Borneo; 17, 1963, 28-33.

Colless, B.E., The early western ports of the Malay Peninsula; 29, 1969, 1-9.

Concannon, T.A.L., A new town in Malaya: Petaling Jaya, Kuala Lumpur; 5, 1955, 39-43.

Coppock, J.T., Agricultural developments in Nigeria; 23, 1966, 1-18.

Courtenay, P.P., Changing patterns in the tin mining and smelting industry of Southeast Asia; 25, 1967, 8-17.

Dale, W.L., The rainfall of Malaya, Part I; 13, 1959, 23-37.

——, The rainfall of Malaya, Part II; 14, 1960,11-28.

Dale, W.L., Sunshine in Malaya; 19, 1964, 20-26.

——, Surface temperatures in Malaya; 17, 1963, 57-71.

——, Wind and drift currents in the South China Sea; 8, 1956, 1-31.

De Josselin De Jong, P.E., Malayan and Sumatran place-names in classical Malay literature; 9, 1956, 61-70.

Dick, R.S., Variability of rainfall in Queensland; 11, 1958, 32-42.

Dickson, K.B., Development of the copra industry in Ghana; 19, 1964, 27-34.

Dobby, E.H.G., Abstract: Rice in South-East Asia; 1, 1953, 57-58.

——, Notes: Recent settlement changes in the Kinta Valley; 2, 1954, 62.

——, Recent settlement changes in South Malaya; 1, 1953, 1-8.

——, Review: *India and Pakistan* by O.H.K. Spate; 3, 1954, 52.

Dobby, E.H.G., and others, Padi landscapes of Malaya; 6, 1955, 1-94, with Atlas 57pp.

——, Padi landscapes of Malaya; 10, 1957, 1-143.

Douglas, I., Erosion in the Sungei Gombak catchment, Selangor, Malaysia; 26, 1968, 1-16.

Driscoll, E.M., & Hopley, D., Coastal development in a part of tropical Queensland, Australia; 26, 1968, 17-28.

Dudal, R., Major soils of South-East Asia; 18, 1964, 54-80.

Dutt, A.K., & Gupta, R.S., An assessment of agricultural development in West Bengal; 28, 1969, 17-22.

Eyles, R.J., Depth of dissection of the West Malaysian landscape; 28, 1969, 23-31.

——, Laterite at Kerdau, Pahang, Malaya; 25, 1967, 18-23.

——, Stream representation on Malayan maps; 22, 1966, 1-9.

Eyre, L.A., Precipitation from Hurricane *Flora*, 1963; 26, 1968, 29-36.

Fearn, H., The gold-mining era in Kenya Colony; 11, 1958, 43-58.

Ferguson, D.S., The Sungei Manik Irrigation Scheme; 2, 1954, 9-16.

Fisher, C.A., The geographical setting of the proposed Malaysian Federation, some preliminary considerations; 17, 1963, 99-115.

Fitzpatrick, E.A., Some climatic implications in the mid-February (1959) tropical cyclone over eastern Australia; 14, 1960, 29-34.

Floate, H.F.G., The Mauritian malaria epidemic 1866-1868: Geographical determinism one hundred years ago; 29, 1969, 10-20.

Fonseka, H.N.C., Parakrama Samudra Colony, an example of peasant colonization in the Dry Zone of Ceylon; 22, 1966, 10-22.

Fox, D.J., Henequen in Tamaulipas, Mexico; 21, 1965, 1-11.

Fryer, D.W., The development of cottage and small scale industries in Malaya and in South-East Asia; 17, 1963, 92-98.

Galloway, J.H., The sugar industry in Barbados during the seventeenth century; 19, 1964, 35-41.

Garry, R.J., The changing fortunes and future of pepper growing in Cambodia; 17, 1963, 133-42.

Gilliland, H.B., Geographical distribution of Malayan grasses; 17, 1963, 20-23.

Gray, B.S., The potential of the oil palm in Malaya; 17, 1963, 127-32.

Greenwood, J.M.F., Rubber smallholdings in the Federation of Malaya; 18, 1964, 81-100.

Greenwood, P.G., & Hill, R.D., Buildings and climate in Singapore; 26, 1968, 37-47.

Grist, D.H., The rice problem; 5, 1955, 20-25.

Gupta, R.S., & Dutt, A.K., *See* Dutt & Gupta.

Haantjens, H.A., Practical aspects of land system surveys in New Guinea; 19, 1965, 12-20.

Hamzah Sendut, Patterns of urbanization in Malaya; 16, 1962, 114-30.

Hardy, F., Some ecological aspects of tropical pedology; 2, 1954, 1-8.

Hastenrath, S.L., Lake-level changes and climatic fluctuations in Central America; 25, 1967, 24-33.

Hill, R.D., Changes in beach form at Sri Pantai, northeast Johore, Malaysia; 23, 1966, 19-27.

——, Pepper growing in Johore; 28, 1969, 32-39.

——, & Greenwood, P.G., *See* Greenwood & Hill.

Hilton, T.E., The economic development of the south-eastern coastal plains of Ghana; 16, 1962, 18-31.

——, The Volta resettlement project; 24, 1967, 12-21.

Ho, R., Land settlement projects in Malaya: An assessment of the role of the Federal Land Development Authority; 20, 1965, 1-15.

——, Mixed-farming and multiple-cropping in Malaya; 16, 1962, 1-17.

——, Rice production in Malaya: A review of problems and prospects; 29, 1969, 21-32.

Hodder, B.W., Biogeographical aspects of settlement in Malaya; 5, 1955, 12-19.

——, Racial groupings in Singapore; 1, 1953, 25-36.

Holttum, R.E., *Adinandra* belukar: A succession of vegetation from bare ground on Singapore Island; 3, 1954, 27-32.

Hopley, D., & Driscoll, E.M, *See* Driscoll & Hopley.

Irwin, P.G., Wool marketing in Rajasthan, India; 26, 1968, 48-54.

Jackson, J.C., Population changes in Selangor State, 1850-1891; 19, 1964, 42-57.

Jarrett, H.R., The present setting of the oil-palm industry: with special reference to West Africa; 11, 1958, 59-69.

——, Rice production in Sierra Leone; 8, 1956, 73-81.

Johnston, W.B., The Cook Islands: Settlement in an island group of the South-West Pacific; 5, 1955, 1-11.

——, The Cook Islands; 13, 1959, 38-57.

Joseph, K.T., Sedentary soils of Kedah and their suggested utilization; 18, 1964, 101-10.

——, A toposequence on limestone parent material in north Kedah, Malaya; 27, 1968, 19-22.

Kelley, T.K., & Tweedie, A.D., The expanding Queensland sugar industry; 5, 1955, 44-56.

Kellman, M.C., Some environmental components of shifting cultivation in upland Mindanao; 28, 1969, 40-56.

Kelly, K., An explanation of the great north-south extent of the Inca Empire in 1532 and of the position of its eastern boundary through Peru and Bolivia; 28, 1969, 57-63.

Koopmans, B.N., A structural map of north and central Pahang; 22, 1966, 23-29.

Lall, A., & Tirtha, R., *See* Tirtha & Lall.

Langley, G.A., Telecommunications in Malaya; 17, 1963, 79-91.

Lee, Y.L., Agriculture in Sarawak; 21, 1965, 21-29.

——, The Dayaks of Sarawak; 23, 1966, 28-39.

——, Kukup, a Chinese fishing village in south-west Malaya; 16, 1962, 131-48.

——, Population changes in Sabah, 1951-1960; 26, 1968, 55-68.

——, Some factors in the development and planning of land use in British Borneo; 15, 1961, 66-81.

Lewis, L.A., The spatial properties of population mobility within Puerto Rico; 29, 1969, 33-38.

Lim Joo-Jock, Tradition and peasant agriculture in Malaya; 3, 1954, 44-47.

Mabogunje, A.L., The evolution of rural settlement in Egba Division, Nigeria; 13, 1959, 65-77.

Maung Kyaw, Abstract: The land utilization of Insein District, Burma; 2, 1954, 56-61.

McGee, T.G., The cultural role of cities: A case study of Kuala Lumpur; 17, 1963, 178-96.

——, The Malayan elections of 1959, a study in electoral geography; 16, 1962, 70-99.

McMaster, D.N., Speculations on the coming of the banana to Uganda; 16, 1962, 57-69.

McTaggart, W.D., The distribution of ethnic groups in Malaya, 1947-57; 26, 1968, 69-81.

——, The grading of social areas in Georgetown, Penang; 23, 1966, 40-46.

——, Strategy of regional development in Perlis, West Malaysia; 29, 1969, 39-48.

Morgan, W.B., The distribution of food-crop storage methods in Nigeria; 13, 1959, 58-64.

Murray, I.D., Tobacco and irrigation in tropical Australia: The Mareeba-Dimbulah Scheme; 25, 1967, 34-47.

Ness, G.D., Population growth, economic development and development policies; 17, 1963, 116-26.

Neville, R.J.W., The areal distribution of population in Singapore; 20, 1965, 16-25.

——, An urban study of Pontian Kechil, south-west Malaya; 16, 1962, 32-56.

Newell, W.H., Chinese place names in Province Wellesley; 19, 1964, 58-61.

Niddrie, D.L., The problems of population growth in Puerto Rico; 20, 1965, 26-33.

Nieuwolt, S., Evaporation and water balances in Malaya; 20, 1965, 34-53.

——, Uniformity and variation in an equatorial climate; 27, 1968, 23-39.

——, The urban microclimate of Singapore; 22, 1966, 30-37.

Norcliffe, G.B., The role of scale in locational analysis: The phormium industry in St. Helena; 29, 1969, 49-57.

Nossin, J.J., Beach ridges on the east coast of Malaya; 18, 1964, 111-17.

——, The geomorphic history of the northern Pahang delta; 20, 1965, 54-64.

——, Relief and coastal development in north-eastern Johore (Malaya); 15, 1961, 27-38.

Oguntoyinbo, J.S., Evapotranspiration and sugar-cane yields in Barbados; 22, 1966, 38-48.

Oliver, J., Problems of determining evapotranspiration in the semi-arid tropics illustrated with reference to the Sudan; 28, 1969, 64-74.

——, Soil temperatures in the arid tropics, with reference to Khartoum; 23, 1966, 47-54.

Olsen, C.O., Agricultural potentialities in northern Australia; 11, 1958, 70-83.

Ooi Jin-Bee, Mining landscapes of Kinta; 4, 1955, 1-58.

——, The rubber industry of the Federation of Malaya; 15, 1961, 46-65.

——, Rural development in tropical areas, with special reference to Malaya; 12, 1959, 1-222.

Oracion, T.S., Kaingin agriculture among the Bukidnons of south-eastern Negros, central Philippines; 17, 1963, 213-24.

O'Reilly, J.M.H., An assessment of the Malayan tin mining industry in the twentieth century; 17, 1963, 72-78.

Panton, W.P., The 1962 soil map of Malaya; 18, 1964, 118-24.

Parbery, D.B., & Venkatachalam, R.M., Chemical analysis of south Malayan peat soil; 18, 1964, 125-33.

Paton, J.R., The origin of the limestone hills of Malaya; 18, 1964, 134-47.

Pendleton, R.L., Agricultural education and research in South-East Asia: Jottings from the notebook of a soil scientist; 1, 1953, 49-56.

Poore, M.E.D., Problems in the classification of tropical rain forest; 17, 1963, 12-19.

Pullen, G., Some problems of rapid urbanization in Lagos, Nigeria; 23, 1966, 55-61.

Ramage, C.S., Diurnal variation of summer rainfall of Malaya; 19, 1964, 62-68.

Rasmussen, Tor. Fr., Industrialization in Assam; 16, 1962, 100-13.

——, Population and land utilization in the Assam Valley; 14, 1960, 51-76.

Roe, F.W., Notes: The plateau and falls of East Sarawak; 3, 1954, 51.

Rosenquist, E.A., Soils and the fertilization of rubber and oil palm; 18, 1964, 148-56.

Russell, R.J., Beach rock; 17, 1963, 24-27.

Sandhu, K.S., Chinese colonization of Malacca, a study in population change, 1500 to 1957 A.D.; 15, 1961, 1-26.

——, Emergency resettlement in Malaya; 18, 1964, 157-83.

——, The population of Malaya, some changes in the pattern of distribution between 1947 and 1957; 15, 1961, 82-96.

——, Review: *Chandi Bukit Batu Pahat* by A. Lamb; 15, 1961, 97.

Seawall, F., Recent developments in Mexican sulphur production; 15, 1961, 39-45.

Seck, A., Communications in French West Africa; 8, 1956, 51-54.

Shamsul Bahrin, Land conflicts in the Tanay resettlement project (Rizal), Philippines; 27, 1968, 50-58.

——, A preliminary study of the fringe alienation schemes in West Malaysia; 28, 1969, 75-83.

Simkins, P.D., & Wernstedt, F.L., Growth and internal migrations of the Philippine population, 1948 to 1960; 17, 1963, 197-202.

Spencer, J., Review: *Malaya* by N. Ginsburg and C.F. Roberts Jr.; 13, 1959, 78-80.

Sternstein, L., Aspects of agricultural land tenure in Thailand; 24, 1967, 22-29.

——, Settlement patterns in Thailand; 21, 1965, 30-43.

Stone, J.C., Economic development and political change in Malawi; 27, 1968, 59-65.

Street, J.M., & Clarke, W.C., *See* Clarke & Street.

Swan, S.B. St. C., Characteristics of coastal sands and their depositional environments in Southwest Ceylon; 24, 1967, 30-42.

——, Maps of two indices of terrain, Johor, Malaya; 25, 1967, 48-57.

Tay, T.H., The distribution, characteristics, uses and potential of peat in West Malaysia; 29, 1969, 58-63.

Terjung, W.H., The seasonal march of physiological climates and cumulative stress in the Sudan; 22, 1966, 49-62.

Terra, G.J.A., Mixed-garden horticulture in Java; 3, 1954, 33-43.

Tibbetts, G.R., Early Western cartography and the Arabian Peninsula; 3, 1954, 15-26.

——, The Malay Peninsula as known to the Arab geographers; 9, 1956, 21-60.

Tirtha, R., & Lall, A., Service centres in the Western Himalayas; 25, 1967, 58-68.

Toupet, C., Agrarian and social transformations in the Tamourt Basin, Mauritania; 8, 1956, 82-86.

Tregonning, K.G., The partition of Brunei; 11, 1958, 84-89.

Troll, C., Landscape ecology and land development with special reference to the tropics; 17, 1963, 1-11.

Tweedie, A.D., & Kelley, T.K., *See* Kelley & Tweedie.

Udo, R.K., Aspects of the geography of Western Sudan at the time of Henry Barth's travels (1850-55); 26, 1968, 82-92.

——, Problems of developing the Cross River District of Eastern Nigeria; 20, 1965, 65-72.

Vandermeer, C., Corn cultivation on Cebu: An example of an advanced stage of migratory farming; 17, 1963, 172-77.

Venkatachalam, R.M., & Parbery, D.B., *See* Parbery & Venkatachalam.

Verstappen, H.Th., The geomorphology of Sumatra; 18, 1964, 184-91.

——, Some observations on karst development in the Malay Archipelago; 14, 1960, 1-10.

Voon Phin Keong, The rubber smallholding industry in Selangor, 1895-1920; 24, 1967, 43-49.

Wall, J.R.D., Topography-soil relationships in lowland Sarawak; 18, 1964, 192-99.

——, & Wilford, G.E., *See* Wilford & Wall.

Ward, M.W., Port Swettenham and its hinterland, 1900-1960; 19, 1964, 69-78.

Watters, R.F., Some forms of shifting cultivation in the South-West Pacific; 14, 1960, 35-50.

Watts, I.E.M., Line-squalls of Malaya; 3, 1954, 1-14.

——, Rainfall of Singapore Island; 7, 1955, 1-71.

Weaver, D.C., The hurricane as an economic catalyst; 27, 1968, 66-71.

Weigt, E., Note: Tropical East Africa: Possibilities of development; 8, 1956, 87-89.

Wernstedt, F.L., & Simkins, P.D., *See* Simkins & Wernstedt.

Wheatley, P., Chinese sources for the historical geography of Malaya before A.D. 1500; 9, 1956, 71-78.

——, An early Chinese reference to Malaya; 5, 1955, 57-60.

——, Notes: Land use in the vicinity of Singapore in the eighteen-thirties; 2, 1954, 63-66.

——, Takola Emporion: A study of an early Malayan place-name; 2, 1954, 35-47.

White, H.P., Avatime: A highland environment in Togoland; 8, 1956, 32-39.

——, Provisional agricultural regions of Ghana; 11, 1958, 90-99.

Wikkramatileke, R., Climate in the south-east quadrant of Ceylon; 8, 1956, 55-72.

——, Focus on Singapore, 1964; 20, 1965, 75-83.

——, Mukim Pulau Rusa; Land use in a Malayan riverine settlement; 11, 1958, 1-31.

Wilford, G.E., The effects of late Tertiary and Quaternary tectonic movements on the geomorphological evolution of Brunei and adjacent parts of Sarawak; 24, 1967, 50-56.

——, Note: Phosphate deposits of British Borneo; 5, 1955, 61-65.

——, & Wall, J.R.D., Karst topography in Sarawak; 21, 1965, 44-70.

Willimott, S.G., Cultivable land and land use in Equatoria Province, Sudan; 8, 1956, 40-50.

Withington, W.A., The distribution of population in Sumatra, Indonesia, 1961; 17, 1963, 203-12.

Wong, P.P., The surface configuration of Singapore Island: A quantitative description; 29, 1969, 64-74.

Wyatt-Smith, J., A preliminary vegetation map of Malaya with descriptions of the vegetation types; 18, 1964, 200-13.

Wycherley, P.R., Variation in the performance of *Hevea* in Malaya; 17, 1963, 143-71.

Yoshimoto, H., & Arakawa, H., *See* Arakawa & Yoshimoto.

Yoxall, W.H., Discrepancies in stream mapping: The 1:250,000 series, Ghana survey; 28, 1969, 84-86.

REGIONAL AND SUBJECT INDEX

THE TROPICS — GENERAL

Agriculture

The rice problem (Grist); 5, 1955, 20-25.

Biogeography

Landscape ecology and land development with special reference to the tropics (Troll); 17, 1963, 1-11.

Problems in the classification of tropical rain forest (Poore); 17, 1963, 12-19.

Climate

The resonance theory of the origin of certain typhoons associated with easterly waves (Bryson); 17, 1963, 38-45.

Economic development

Population growth, economic development and development policies (Ness); 17, 1963, 116-26.

Geomorphology

Beach rock (Russell); 17, 1963, 24-27.

Soils

Some ecological aspects of tropical pedology (Hardy); 2, 1954, 1-8.

AFRICA AND THE ARABIAN PENINSULA

Agriculture

Agrarian and social transformations in the Tamourt Basin, Mauritania (Toupet); 8, 1956, 82-86.

Agricultural developments in Nigeria (Coppock); 23, 1966, 1-18.

Cultivable land and land use in Equatoria Province, Sudan (Willimott); 8, 1956, 40-50.

Development of the copra industry in Ghana (Dickson); 19, 1964, 27-34.

The distribution of food-crop storage methods in Nigeria (Morgan); 13, 1959, 58-64.

The present setting of the oil-palm industry: with special reference to West Africa (Jarrett); 11, 1958, 59-69.

Provisional agricultural regions of Ghana (White); 11, 1958, 90-99.

Recent developments in Nigerian peasant farming (Buchanan); 2, 1954, 17-34.

Rice production in Sierra Leone (Jarrett); 8, 1956, 73-81.

The role of scale in locational analysis: The phormium industry in St. Helena (Norcliffe); 29, 1969, 49-57.

Biogeography

A genetic basis for the classification of forest zone vegetation in Western Nigeria (Adejuwon); 24, 1967, 1-6.

Speculations on the coming of the banana to Uganda (McMaster); 16, 1962, 57-69.

Cartography

Discrepancies in stream mapping: The 1:250,000 series, Ghana survey (Yoxall); 28, 1969, 84-86.

Early Western cartography and the Arabian Peninsula (Tibbetts); 3, 1954, 15-26.

Climate

The dry seasons of inter-tropical Africa and Madagascar (Bowden); 19, 1964, 1-3.

Problems of determining evapotranspiration in the semi-arid tropics illustrated with reference to the Sudan (Oliver); 28, 1969, 64-74.

The seasonal march of physiological climates and cumulative stress in the Sudan (Terjung); 22, 1966, 49-62.

Soil temperatures in the arid tropics, with reference to Khartoum (Oliver); 23, 1966, 47-54.

Economic development

Economic development and political change in Malawi (Stone); 27, 1968, 59-65.

The economic development of the south-eastern coastal plains of Ghana (Hilton); 16, 1962, 18-31.

Note: Tropical East Africa: Possibilities of development (Weigt); 8, 1956, 87-89.

Geomorphology

Erosion and sedimentation from aerial photographs: A micro-study from Nigeria (Carter); 11, 1958, 100-6.

Historical geography

Aspects of the geography of Western Sudan at the time of Henry Barth's travels (1850-55) (Udo); 26, 1968, 82-92.

Early Western cartography and the Arabian Peninsula (Tibbetts); 3, 1954, 15-26.

Land utilization

Cultivable land and land use in Equatoria Province, Sudan (Willimott); 8, 1956, 40-50.

Minerals and mining

The gold-mining era in Kenya Colony (Fearn); 11, 1958, 43-58.

Political geography

Economic development and political change in Malawi (Stone); 27, 1968, 59-65.

Population and settlement

Agrarian and social transformations in the Tamourt Basin, Mauritania (Toupet); 8, 1956, 82-86.

The evolution of rural settlement in Egba Division, Nigeria (Mabogunje); 13, 1959, 65-77.

The Fulani in Bamenda (Carter); 25, 1967, 1-7.

Hausa quarters of Yoruba towns, with special reference to Ile-Ife (Afolabi Ojo); 27, 1968, 40-49.

Regional geography

Avatime: A highland environment in Togoland (White); 8, 1956, 32-39.

An outline of the geography of the Western Region of Nigeria (Buchanan); 1, 1953, 9-24.

Problems of developing the Cross River District of Eastern Nigeria (Udo); 20, 1965, 65-72.

The Volta resettlement project (Hilton); 24, 1967, 12-21.

Transport and communications

Communications in French West Africa (Seck); 8, 1956, 51-54.

Urban geography

Hausa quarters of Yoruba towns, with special reference to Ile-Ife (Afolabi Ojo); 27, 1968, 40-49.

Some problems of rapid urbanization in Lagos, Nigeria (Pullen); 23, 1966, 55-61.

AMERICA, TROPICAL

Agriculture

Evapotranspiration and sugarcane yields in Barbados (Oguntoyinbo); 22, 1966, 38-48.

Henequen in Tamaulipas, Mexico (Fox); 21, 1965, 1-11.

The hurricane as an economic catalyst (Weaver); 27, 1968, 66-71.

The sugar industry in Barbados during the seventeenth century (Galloway); 19, 1964, 35-41.

Climate

Evapotranspiration and sugarcane yields in Barbados (Oguntoyinbo); 22, 1966, 38-48.

The hurricane as an economic catalyst (Weaver); 27, 1968, 66-71.

Lake-level changes and climatic fluctuations in Central America (Hastenrath); 25, 1967, 24-33.

Precipitation from Hurricane *Flora*, 1963 (Eyre); 26, 1968, 29-36.

Historical geography

An explanation of the great north-south extent of the Inca Empire in 1532 and of the position of its eastern boundary through Peru and Bolivia (Kelly); 28, 1969, 57-63.

The sugar industry in Barbados during the seventeenth century (Galloway); 19, 1964, 35-41.

Hydrology

Lake-level changes and climatic fluctuations in Central America (Hastenrath); 25, 1967, 24-33.

Minerals and mining

Recent developments in Mexican sulphur production (Seawall); 15, 1961, 39-45.

Population and settlement

The problems of population growth in Puerto Rico (Niddrie); 20, 1965, 26-33.

The spatial properties of population mobility within Puerto Rico (Lewis); 29, 1969, 33-38.

ASIA, EAST

Agriculture

The banana industry in Taiwan (Chen); 2, 1954, 48-55.

Climate

The climate and climatic regions of Taiwan (Chen); 5, 1955, 26-38.

Diurnal variation of winds over Hong Kong (Chin); 17, 1963, 46-56.

Recent trend of rainfall and run-off in Japan (Arakawa & Yoshimoto); 17, 1963, 34-37.

Hydrology

Recent trend of rainfall and run-off in Japan (Arakawa & Yoshimoto); 17, 1963, 34-37.

ASIA, SOUTH

Agriculture

An assessment of agricultural development in West Bengal (Dutt & Gupta); 28, 1969, 17-22.

Parakrama Samudra Colony, an example of peasant colonization in the Dry Zone of Ceylon (Fonseka); 22, 1966, 10-22.

Wool marketing in Rajasthan, India (Irwin); 26, 1968, 48-54.

Climate

Climate in the south-east quadrant of Ceylon (Wikkramatileke); 8, 1956, 55-72.

Geomorphology

Characteristics of coastal sands and their depositional environments in Southwest Ceylon (Swan); 34, 1967, 30-42.

Historical geography

The Mauritian malaria epidemic 1866-1868: Geographical determinism one hundred years ago (Floate); 29, 1969, 10-20.

Industrial geography

Industrialization in Assam (Rasmussen); 16, 1962, 100-13.

Land utilization

Population and land utilization in the Assam Valley (Rasmussen); 14, 1960, 51-76.

Population and settlement

Parakrama Samudra Colony, an example of peasant colonization in the Dry Zone of Ceylon (Fonseka); 22, 1966, 10-22.

Population and land utilization in the Assam Valley (Rasmussen); 14, 1960, 51-76.

Population distribution in Mauritius (Brookfield); 13, 1959, 1-22.

Regional geography

Review: *India and Pakistan* by O.H.K. Spate (Dobby); 3, 1954, 52.

Urban geography

Service centres in the Western Himalayas (Tirtha & Lall); 25, 1967, 58-68.

ASIA, SOUTHEAST
(excluding Malaysia and Singapore)

Agriculture

Abstract: Rice in South-East Asia (Dobby); 1, 1953, 57-58.

Agricultural education and research in South-East Asia: Jottings from the notebook of a soil scientist (Pendleton); 1, 1953, 49-56.

Aspects of agricultural land tenure in Thailand (Sternstein); 24, 1967, 22-29.

The changing fortunes and future of pepper growing in Cambodia (Garry); 17, 1963, 133-42.

Corn cultivation on Cebu: An example of an advanced stage of migratory farming (Vandermeer); 17, 1963, 172-77.

Kaingin agriculture among the Bukidnons of southeastern Negros, central Philippines (Oracion); 17, 1963, 213-24.

Mixed-garden horticulture in Java (Terra); 3, 1954, 33-43.

Some environmental components of shifting cultivation in upland Mindanao (Kellman); 28, 1969, 40-56.

Biogeography

Some environmental components of shifting cultivation in upland Mindanao (Kellman); 28, 1969, 40-56.

The structure and development of the peat swamps of Sarawak and Brunei (Anderson); 18, 1964, 7-16.

Climate

Wind and drift currents in the South China Sea (Dale); 8, 1956, 1-31.

Geomorphology

The effects of late Tertiary and Quaternary tectonic movements on the geomorphological evolution of Brunei and adjacent parts of Sarawak (Wilford); 24, 1967, 50-56.

The geomorphology of Sumatra (Verstappen); 18, 1964, 184-91.

Some observations on karst development in the Malay Archipelago (Verstappen); 14, 1960; 1-10.

Historical geography

Malayan and Sumatran place-names in classical Malay literature (De Josselin De Jong); 9; 1956, 61-70.

The partition of Brunei (Tregonning); 11, 1958; 84-89.

Industrial geography

The development of cottage and small scale industries in Malaya and in South-East Asia (Fryer); 17, 1963, 92-98.

Land utilization

Abstract: The land utilization of Insein District, Burma (Maung); 2, 1954, 56-61.

Minerals and mining

Changing patterns in the tin mining and smelting industry of Southeast Asia (Courtenay); 25; 1967, 8-17.

Population and settlement

The distribution of population in Sumatra, Indonesia, 1961 (Withington); 17, 1963, 203-12.

Growth and internal migrations of the Philippine population, 1948 to 1960 (Simkins & Wernstedt); 17, 1963, 197-202.

Kaingin agriculture among the Bukidnons of southeastern Negros, central Philippines (Oracion); 17, 1963, 213-24.

Land conflicts in the Tanay resettlement project (Rizal), Philippines (Shamsul); 27, 1968, 50-58.

Settlement patterns in Thailand (Sternstein); 21, 1965, 30-43.

Soils

Classification and utilization of some Philippine soils (Barrera); 18, 1964, 17-29.

Major soils of South-East Asia (Dudal); 18, 1964, 54-80.

MALAYSIA

Agriculture

Agriculture in Sarawak (Lee); 21, 1965, 21-29.

Kukup, a Chinese fishing village in south-west Malaya (Lee); 16, 1962, 131-48.

Mixed-farming and multiple-cropping in Malaya (Ho); 16, 1962, 1-17.

Padi landscapes of Malaya (Dobby and others); 6, 1955, 1-94, with Atlas 57pp.

Padi landscapes of Malaya (Dobby and others); 10, 1957, 1-143.

Pepper growing in Johore (Hill); 28, 1969, 32-39.

The potential of the oil palm in Malaya (Gray); 17, 1963, 127-32.

Rice production in Malaya: A review of problems and prospects (Ho); 29, 1969, 21-32.

The rubber industry of the Federation of Malaya (Ooi); 15, 1961, 46-65.

The rubber smallholding industry in Selangor, 1895-1920 (Voon); 24, 1967, 43-49.

Rubber smallholdings in the Federation of Malaya (Greenwood); 18, 1964, 81-100.

Soils and the fertilization of rubber and oil palm (Rosenquist); 18, 1964, 148-56.

The Sungei Manik Irrigation Scheme (Ferguson); 2, 1954, 9-16.

Tradition and peasant agriculture in Malaya (Lim); 3, 1954, 44-47.

Variation in the performance of *Hevea* in Malaya (Wycherley); 17, 1963, 143-71.

Biogeography

Biogeographical aspects of settlement in Malaya (Hodder); 5, 1955, 12-19.

Geographical distribution of Malayan grasses (Gilliland); 17, 1963, 20-23.

A preliminary vegetation map of Malaya with descriptions of the vegetation types (Wyatt-Smith); 18, 1964, 200-13.

The structure and development of the peat swamps of Sarawak and Brunei (Anderson); 18, 1964, 7-16.

Cartography

The evolution of land suitability maps in the Federation of Malaya (Alexander); 18, 1964, 1-6.

Climate

An analysis of rainfall patterns in Selangor (Chia); 27, 1968, 1-18.

Biogeographical aspects of settlement in Malaya (Hodder); 5, 1955, 12-19.

Diurnal variation of summer rainfall of Malaya (Ramage); 19, 1964, 62-68.

Evaporation and water balances in Malaya (Nieuwolt); 20, 1965, 34-53.

Line-squalls of Malaya (Watts); 3, 1954, 1-14.

The rainfall of Malaya, Part I (Dale); 13, 1959, 23-37.

The rainfall of Malaya, Part II (Dale); 14, 1960, 11-28.

Sunshine in Malaya (Dale); 19, 1964, 20-26.

Surface temperatures in Malaya (Dale); 17, 1963, 57-71.

Variation in the performance of *Hevea* in Malaya (Wycherley); 17, 1963, 143-71.

Geomorphology

Beach ridges on the east coast of Malaya (Nossin); 18, 1964, 111-17.

Changes in beach form at Sri Pantai, northeast Johore, Malaysia (Hill); 23, 1966, 19-27.

Depth of dissection of the West Malaysian landscape (Eyles); 28, 1969, 23-31.

The effects of late Tertiary and Quaternary tectonic movements on the geomorphological evolution of Brunei and adjacent parts of Sarawak (Wilford); 24, 1967, 50-56.

Erosion in the Sungei Gombak catchment, Selangor, Malaysia (Douglas); 26, 1968, 1-16.

The geomorphic history of the northern Pahang delta (Nossin); 20, 1965, 54-64.

Karst topography in Sarawak (Wilford & Wall); 21, 1965, 44-70.

Maps of two indices of terrain, Johor, Malaya (Swan); 25, 1967, 48-57.

Notes: The plateau and falls of East Sarawak (Roe); 3, 1954, 51.

The origin of the limestone hills of Malaya (Paton); 18, 1964, 134-47.

A physiographic classification of North Borneo (Collenette); 17, 1963, 28-33.

Relief and coastal development in north-eastern Johore (Malaya) (Nossin); 15, 1961, 27-38.

Stream representation on Malayan maps (Eyles); 22, 1966, 1-9.

A structural map of north and central Pahang (Koopmans); 22, 1966, 23-29.

Topography-soil relationships in lowland Sarawak (Wall); 18, 1964, 192-99.

A toposequence on limestone parent material in north Kedah, Malaya (Joseph); 27, 1968, 19-22.

Historical geography

Chinese colonization of Malacca, a study in population change, 1500 to 1957 A.D. (Sandhu); 15, 1961, 1-26.

Chinese place names in Province Wellesley (Newell); 19, 1964, 58-61.

Chinese sources for the historical geography of Malaya before A.D. 1500 (Wheatley); 9, 1956, 71-78.

An early Chinese reference to Malaya (Wheatley); 5, 1955, 57-60.

The early western ports of the Malay Peninsula (Colless); 29, 1969, 1-9.

The Malay Peninsula as known to the Arab geographers (Tibbetts); 9, 1956, 21-60.

Malayadvipa: A study in early Indianization (Braddell); 9, 1956, 1-20.

Malayan and Sumatran place-names in classical Malay literature (De Josselin De Jong); 9, 1956, 61-70.

Notes: The development of Kuala Lumpur District (Chong); 3, 1954, 48-50.

Pahang in 1888. The eve of British administration (Cant); 19, 1964, 4-19.

Population changes in Selangor State, 1850-1891 (Jackson); 19, 1964, 42-57.

Port Swettenham and its hinterland, 1900-1965 (Ward); 19, 1964, 69-78.

Review: *Chandi Bukit Batu Pahat* by A. Lam (Sandhu); 15, 1961, 97.

Takola Emporion: A study of an early Malaya place-name (Wheatley); 2, 1954, 35-47.

Hydrology

Erosion in the Sungei Gombak catchment, Selangor, Malaysia (Douglas); 26, 1968, 1-16.

Standard catchments in the estimation of flood flows (Charlton); 18, 1964, 43-53.

Industrial geography

The development of cottage and small scale industries in Malaya and in South-East Asia (Fryer); 17, 1963, 92-98.

Land utilization

Some factors in the development and planning of land use in British Borneo (Lee); 15, 1961, 66-81.

Minerals and mining

An assessment of the Malayan tin mining industry in the twentieth century (O'Reilly); 17, 1963, 72-78.

Mining landscapes of Kinta (Ooi); 4, 1955, 1-58.

Note: Phosphate deposits of British Borneo (Wilford); 5, 1955, 61-65.

Political geography

The geographical setting of the proposed Malaysian Federation, some preliminary considerations (Fisher); 17, 1963, 99-115.

The Malayan elections of 1959, a study in electoral geography (McGee); 16, 1962, 70-99.

Population and settlement

Biogeographical aspects of settlement in Malaya (Hodder); 5, 1955, 12-19.

Chinese colonization of Malacca, a study in population change, 1500 to 1957 A.D. (Sandhu); 15, 1961, 1-26.

The Dayaks of Sarawak (Lee); 23, 1966, 28-39.

The distribution of ethnic groups in Malaya, 1947-57 (McTaggart); 26, 1968, 69-81.

Emergency resettlement in Malaya (Sandhu); 18, 1964, 157-83.

Kukup, a Chinese fishing village in south-west Malaya (Lee); 16, 1962, 131-48.

Land settlement projects in Malaya: An assessment of the role of the Federal Land Development Authority (Ho); 20, 1965, 1-15.

Notes: Recent settlement changes in the Kinta Valley (Dobby); 2, 1954, 62.

Padi landscapes of Malaya (Dobby and others); 6, 1955, 1-94, with Atlas 57pp.

Padi landscapes of Malaya (Dobby and others); 10, 1957, 1-143.

Population changes in Sabah, 1951-60 (Lee); 26, 1968, 55-68.

Population changes in Selangor State, 1850-1891 (Jackson); 19, 1964, 42-57.

The population of Malaya, some changes in the pattern of distribution between 1947 and 1957 (Sandhu); 15, 1961, 82-96.

A preliminary study of the fringe alienation schemes in West Malaysia (Shamsul); 28, 1969, 75-83.

Recent settlement changes in South Malaya (Dobby); 1, 1953, 1-8.

Regional geography

Mukim Pulau Rusa: Land use in a Malayan riverine settlement (Wikkramatileke); 11, 1958, 1-31.

Padi landscapes of Malaya (Dobby and others); 6, 1955, 1-94, with Atlas 57pp.

Padi landscapes of Malaya (Dobby and others); 10, 1957, 1-143.

Review: *Malaya* by N. Ginsburg and C.F. Roberts Jr. (Spencer); 13, 1959, 78-80.

Rural development in tropical areas, with special reference to Malaya (Ooi); 12, 1959, 1-222.

Strategy of regional development in Perlis, West Malaysia (McTaggart); 29, 1969, 39-48.

Soils

Chemical analysis of south Malayan peat soil (Parbery & Venkatachalam); 18, 1964, 125-33.

The distribution, characteristics, uses and potential of peat in West Malaysia (Tay); 29, 1969, 58-63.

Laterite at Kerdau, Pahang, Malaya (Eyles); 25, 1967, 18-23.

The 1962 soil map of Malaya (Panton); 18, 1964, 118-24.

The Older Alluvium of Johore and Singapore (Burton); 18, 1964, 30-42.

Sedentary soils of Kedah and their suggested utilization (Joseph); 18, 1964, 101-10.

Soils and the fertilization of rubber and oil palm (Rosenquist); 18, 1964, 148-56.

Topography-soil relationships in lowland Sarawak (Wall); 18, 1964, 192-99.

Transport and communications

Telecommunications in Malaya (Langley); 17, 1963, 79-91.

Urban geography

The cultural role of cities: A case study of Kuala Lumpur (McGee); 17, 1963, 178-96.

The grading of social areas in Georgetown, Penang (McTaggart); 23, 1966, 40-46.

A new town in Malaya: Petaling Jaya, Kuala Lumpur (Concannon); 5, 1955, 39-43.

Notes: The development of Kuala Lumpur District (Chong); 3, 1954, 48-50.

Patterns of urbanization in Malaya (Hamzah); 16, 1962, 114-30.

An urban study of Pontian Kechil, south-west Malaya (Neville); 16, 1962, 32-56.

SINGAPORE

Agriculture

The economic geography of a one-acre farm on Singapore Island: A study in applied microgeography (Blaut); 1, 1953, 37-48.

Mixed-farming and multiple-cropping in Malaya (Ho); 16, 1962, 1-17.

Biogeography

Adinandra belukar: A succession of vegetation from bare ground on Singapore Island (Holttum); 3, 1954, 27-32.

Climate

Buildings and climate in Singapore (Greenwood & Hill); 26, 1968, 37-47.

Rainfall of Singapore Island (Watts); 7, 1955, 1-71

Uniformity and variation in an equatorial climate (Nieuwolt); 27, 1968, 23-39.

The urban microclimate of Singapore (Nieuwolt); 22, 1966, 30-37.

Geomorphology

The surface configuration of Singapore Island: A quantitative description (Wong); 29, 1969, 64-74.

Historical geography

Notes: Land use in the vicinity of Singapore in the eighteen-thirties (Wheatley); 2, 1954, 63-66.

Political geography

The geographical setting of the proposed Malaysian Federation, some preliminary considerations (Fisher); 17, 1963, 99-115.

Population and settlement

The areal distribution of population in Singapore (Neville); 20, 1965, 16-25.

The population on Malaya, some changes in the pattern of distribution between 1947 and 1957 (Sandhu); 15, 1961, 82-96.

Racial groupings in Singapore (Hodder); 1, 1953, 25-36.

Regional geography

Focus on Singapore, 1964 (Wikkramatileke); 20, 1965, 73-83.

Soils

The Older Alluvium of Johore and Singapore (Burton); 18, 1964, 30-42.

Urban geography

Racial groupings in Singapore (Hodder); 1, 1953, 25-36.

Singapore's central area retail pattern in transition (Bellett); 28, 1969, 1-16.

PACIFIC, SOUTHWEST

Agriculture

Agricultural potentialities in northern Australia (Olsen); 11, 1958, 70-83.

The Cook Islands (Johnston); 13, 1959, 38-57.

The expanding Queensland sugar industry (Kelley & Tweedie); 5, 1955, 44-56.

Soil fertility and cultivation practices in New Guinea (Clarke & Street); 24, 1967, 7-11.

Some forms of shifting cultivation in the South-West Pacific (Watters); 14, 1960, 35-50.

Tobacco and irrigation in tropical Australia: The Mareeba-Dimbulah Scheme (Murray); 25, 1967, 34-47.

Climate

Some climatic implications in the mid-February (1959) tropical cyclone over eastern Australia (Fitzpatrick); 14, 1960, 29-34.

Variability of rainfall in Queensland (Dick); 11, 1958, 32-42.

Geomorphology

Coastal development in a part of tropical Queensland, Australia (Driscoll & Hopley); 26, 1968, 17-28.

Practical aspects of land system surveys in New Guinea (Haantjens); 21, 1965, 12-20.

Land utilization

The Cook Islands (Johnston); 13, 1959, 38-57.

Population and settlement

The Cook Islands: Settlement in an island group of the South-West Pacific (Johnston); 5, 1955, 1-11.

Soils

Soil fertility and cultivation practices in New Guinea (Clarke & Street); 24, 1967, 7-11.

Surveying

Practical aspects of land system surveys in New Guinea (Haantjens); 21, 1965, 12-20.

PRINTERS & CONVERTERS (PTE)